

R E M A R K S

Careful review and examination of the subject application are noted and appreciated. Applicants' representative thanks Examiner Corrielus for the indication of allowed and allowable subject matter.

CLAIM REJECTIONS UNDER 35 U.S.C. §103

The rejection of claims 1 and 5-12 under 35 U.S.C. §103 as being unpatentable over FIG. 1 of the background (hereafter Background) in view of Zhang et al. (U.S. Patent No. 5,600,280; hereinafter Zhang) and further in view of Shearer et al. (U.S. Patent No. 5,126,692; hereinafter Shearer) has been obviated by appropriate amendment and should be withdrawn.

The rejection of claim 13 under 35 U.S.C. §103(a) as being unpatentable over FIG. 1 of the Background in view of Zhang has been obviated by appropriate amendment and should be withdrawn.

Subject matter similar to the allowed matter of claim 14 is believed to have been incorporated into claims 1 and 13. Claims 5-12 depend, directly or indirectly, from claim 1 which is believed to be allowable. Claim 24, which was dependent from claim 13, has been rewritten into independent form and, therefore, is believed to be allowable (see section 5 on page 5 of the Office Action). As such, the presently claimed invention is fully patentable over the cited references and the rejection should be withdrawn.

While Applicants' representative does not necessarily agree with the interpretation of the references, the claims have

been amended to further prosecution. Furthermore, Applicants' representative reserves the right to pursue broader claims in a continuation application.

SUMMARY OF TELEPHONE INTERVIEW

In a telephone interview on June 1, 2005 between Examiner Corrielus and Applicants' representative, Robert Miller, claims 1 and 13 were discussed in light of the allowed subject matter. Examiner Corrielus stated that claim 14 was allowed because of the recitation that the gain of the voltage controlled oscillator was adjusted in response to changes in frequency of an input signal. Examiner Corrielus agreed that claims 1 and 13 would be allowable with the amendments presented herein.

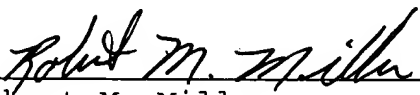
Accordingly, the present application is in condition for allowance. Early and favorable action by the Examiner is respectfully solicited.

The Examiner is respectfully invited to call the Applicants' representative should it be deemed beneficial to further advance prosecution of the application.

If any additional fees are due, please charge our office
Account No. 50-0541.

Respectfully submitted,

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